



Goat anti-HRS / HGS Antibody

Item Number	dAP-0837
Target Molecule	Principle Name: HRS / HGS; Official Symbol: HGS; All Names and Symbols: HGS; hepatocyte growth factor-regulated tyrosine kinase substrate ; HGNC:4897; HRS; ZFYVE8; human growth factor-regulated tyrosine kinase substrate; Accession Number (s): NP_004703.1; Human Gene ID(s): 9146; Non-Human Gene ID(s): 15239 (mouse) 56084 (rat)
Immunogen	NRNYWEKKQEEARK, is from internal region
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 140kDa and 26kDa in Human lysates of monocytic leukemia cell line U937 after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands w
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows strong staining of Leydig cells. Recommended concentration: 1-2µg/ml.
Reference	Reference(s): Kobayashi H, Tanaka N, Asao H, Miura S, Kyuuma M, Semura K, Ishii N, Sugamura K. Hrs, a mammalian master molecule in vesicular transport and protein sorting, suppresses the degradation of ESCRT proteins signal transducing adaptor molecule 1 and 2. J Biol Chem. 2005 Mar 18;280(11):10468-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**